



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Tuesday, October 10, 2017  
Issued: 0800 CT

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Day 1 Weather Impacts: Marginal risk of severe storms in NE AR.**

**River Flood Impacts: Continued moderate river flooding on the Neuces river in South TX.**

**Prepared by: Brian Hoeth  
817-978-1100 x 147**

# Key Points



## Today

- Marginal/Isolated severe storms w/ strong wind gusts possible over NE AR

## Wednesday - Saturday

- No significant weather impacts

## Tropical Outlook

- Tropical Storm Ophelia in the Eastern Atlantic is expected to become a Hurricane by tomorrow. The system will track southeast and east and have NO impacts to FEMA 6.
- Additional tropical cyclone formation is not expected during the next 5 days

## River Flooding

- Moderate river flooding will continue along portions of the Neuces River in South TX. The Neuces at Tilden is forecast to drop into Minor Flood today and the Neuces at Three Rivers is forecast to drop into Minor Flood on Wednesday.

# FEMA Region 6 Threat Matrix

**Oct 10, 2017 - Oct 14, 2017**

	TUE	WED	THU	FRI	SAT
Severe Weather	NE AR				
Heavy Rain / Flash Flooding					
Fire Weather					
River Flooding	S TX	S TX	S TX	S TX	S TX
Tropical Weather					

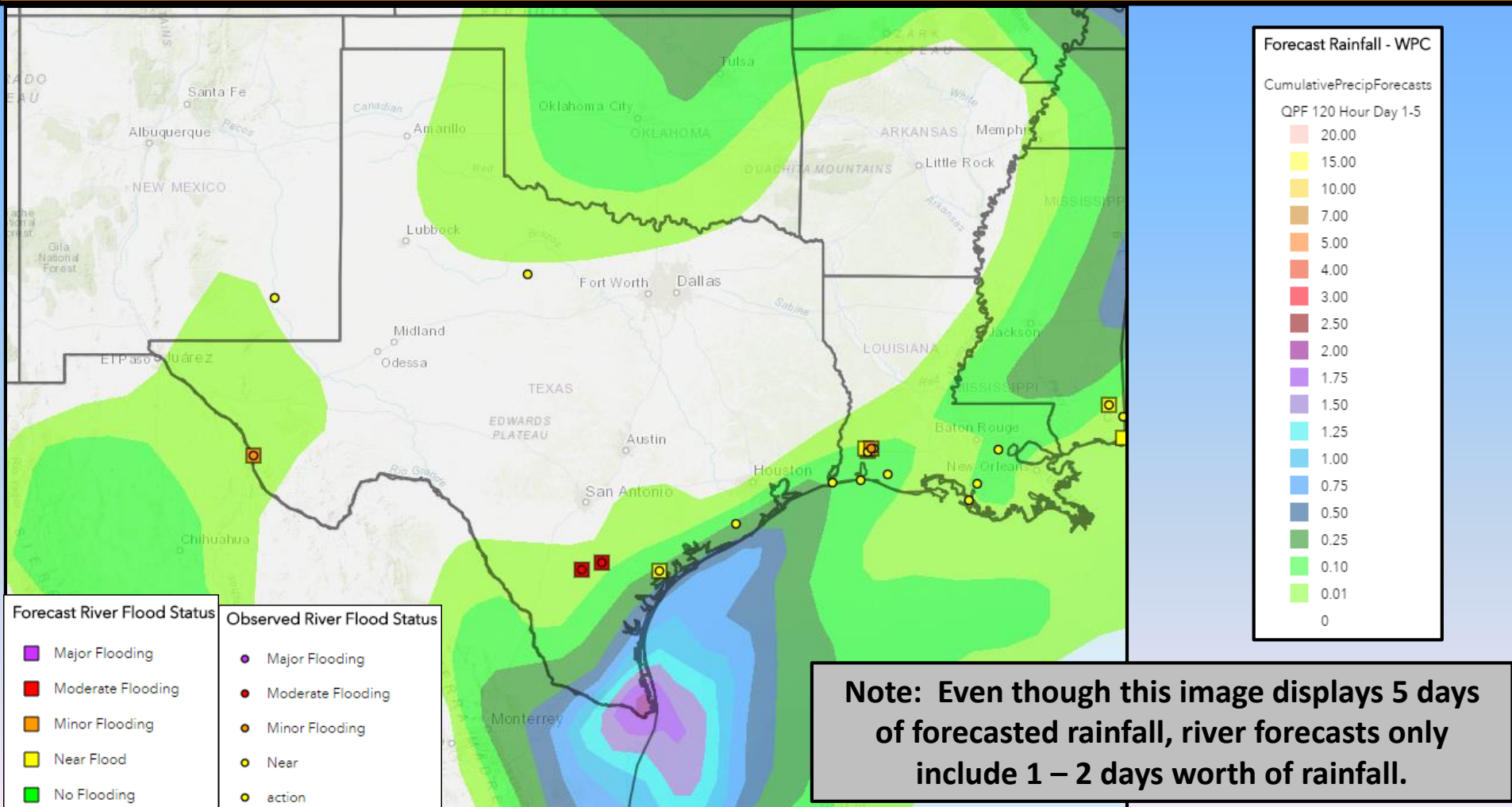
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



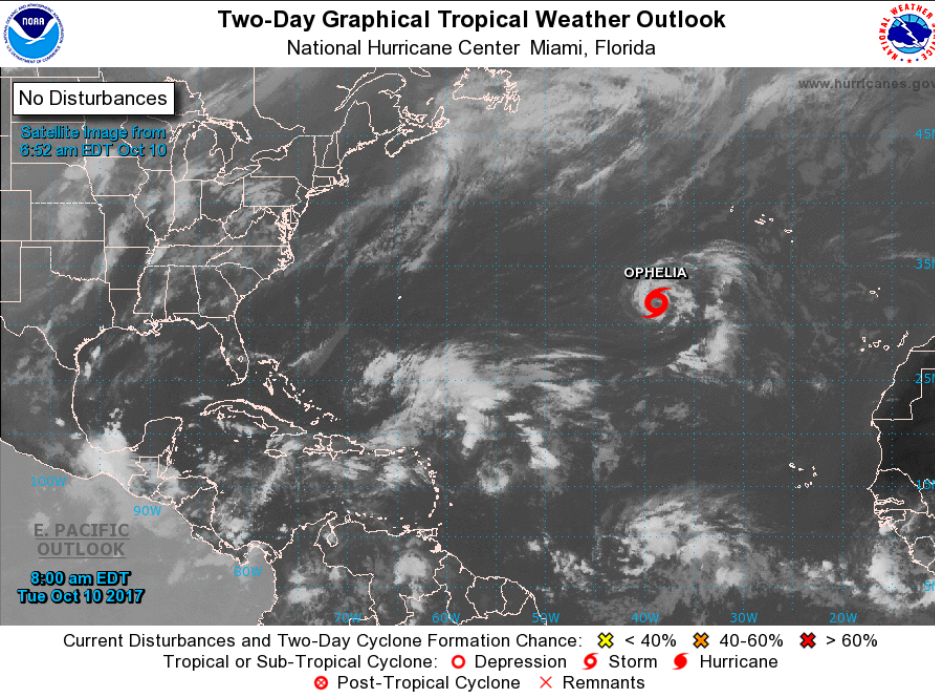
# 5-Day Precipitation Forecast & River Flood Status

**Moderate river flooding will continue along portions of the Neuces River in South TX. The Neuces at Tilden is forecast to drop into Minor Flood today and the Neuces at Three Rivers is forecast to drop into Minor Flood on Wednesday.**



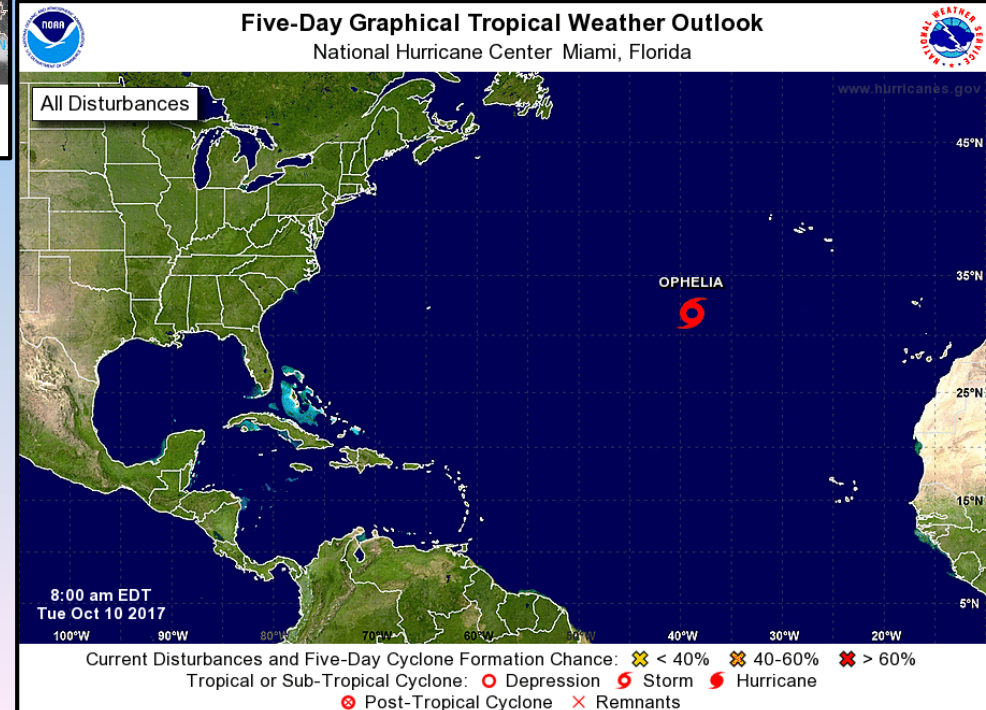
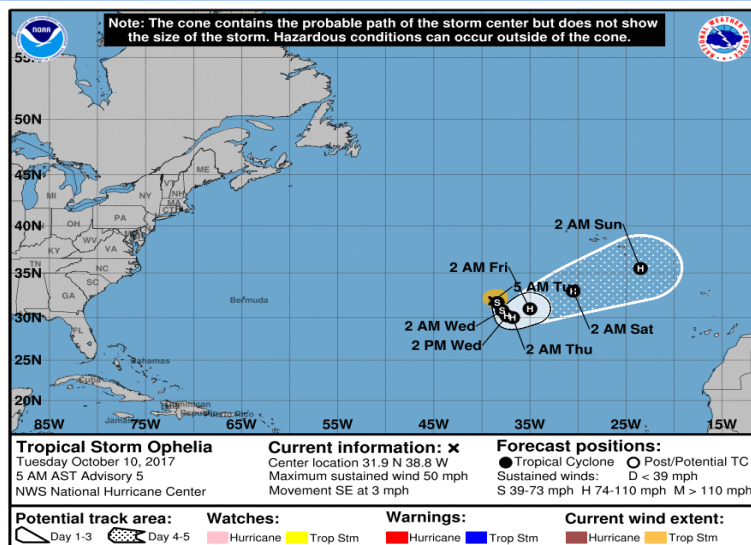
For the latest on river flooding: <http://water.weather.gov/ahps>

# Tropical Weather Outlook

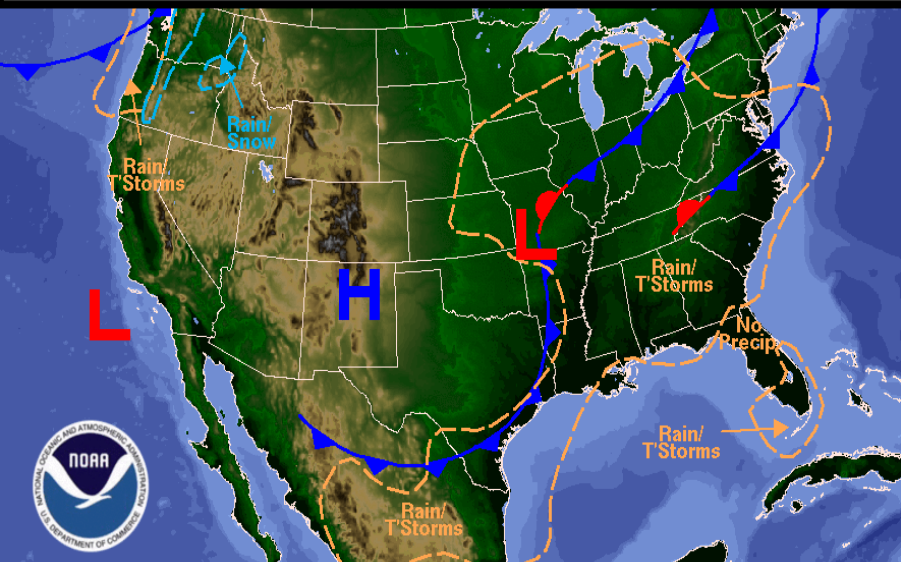


**Tropical Storm Ophelia in the Eastern Atlantic is expected to become a Hurricane by tomorrow. This system will track southeast and east and have NO impacts to FEMA 6.**

**Additional tropical cyclone formation is not expected in the next 5 days.**



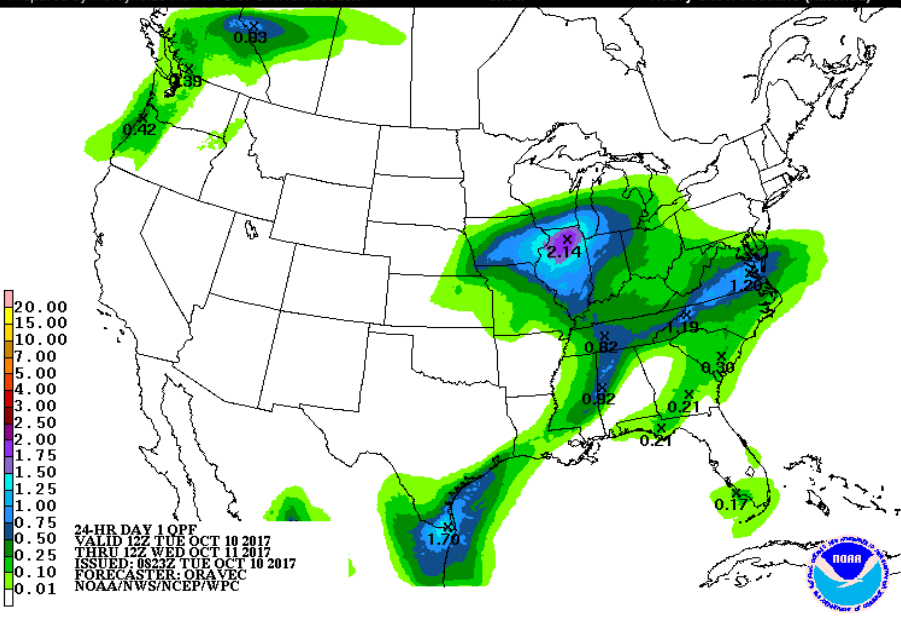
# Today's Weather



## Day 1 National Forecast Chart

Valid Tue, Oct 10, 2017, issued 4:41 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds with WPC/SPC/NHC forecasts

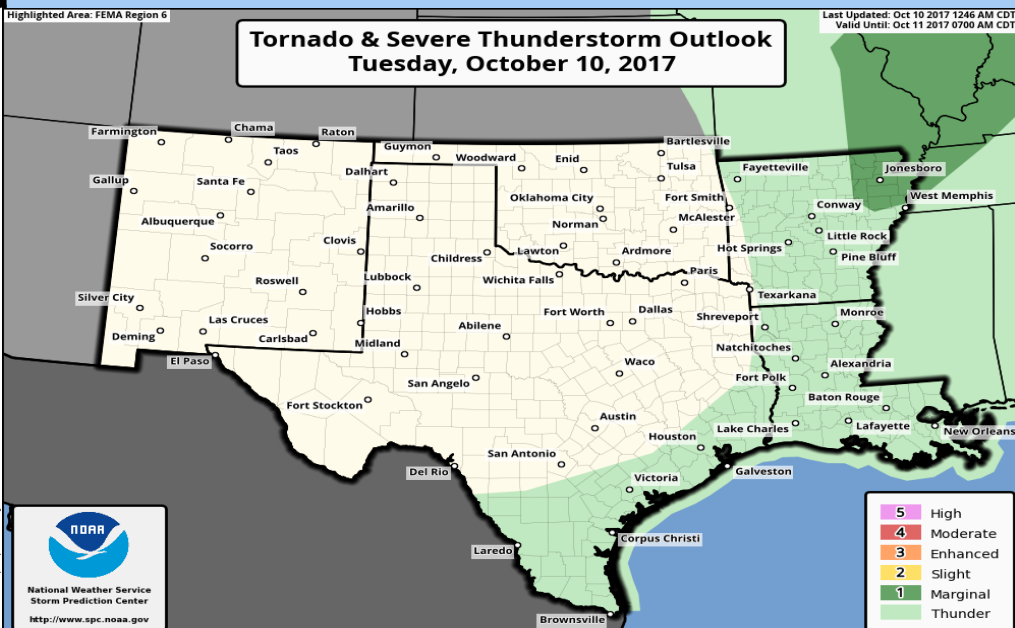
Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



24 HR DAY 1 O/PF  
VALID 12Z TUE OCT 10 2017  
THRU 12Z WED OCT 11 2017  
ISSUED: 0823Z TUE OCT 10 2017  
FORECASTER: OBA/VEC  
NOAA/NWS/NCEP/WPC

Marginal/Isolated severe storms w/ gusty winds possible in NE AR.

Moderate river flooding continues in S TX on the Nueces. The Nueces at Tilden should drop into minor flood today.



## Tornado & Severe Thunderstorm Outlook Tuesday, October 10, 2017

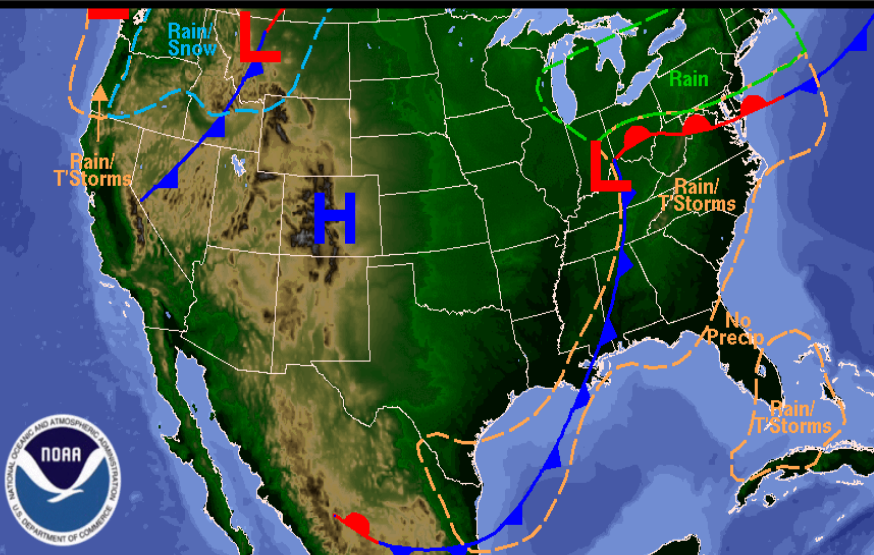
Last Updated: Oct 10 2017 12:46 AM CDT

Valid Until: Oct 11 2017 07:00 AM CDT

Highlighted Area: FEMA Region 6



# Tomorrow's Weather



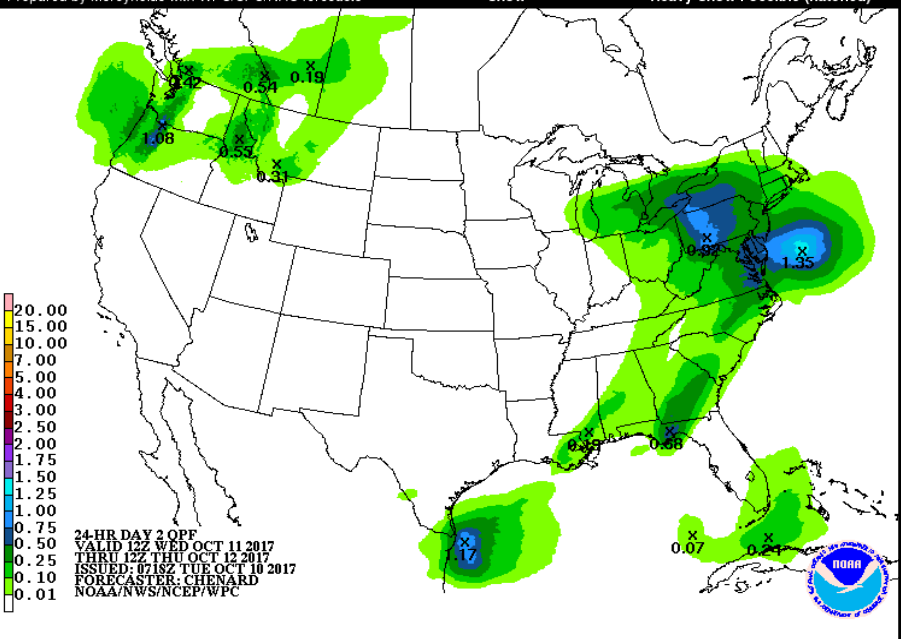
No weather threats.

Minor to moderate river flooding continues in S TX on the Nueces. The Nueces at Three Rivers is forecast to drop into Minor Flood.

## Day 2 National Forecast Chart

Valid Wed, Oct 11, 2017, issued 4:44 AM EDT Tue, Oct 10, 2017  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds with WPC/SPC/NHC forecasts

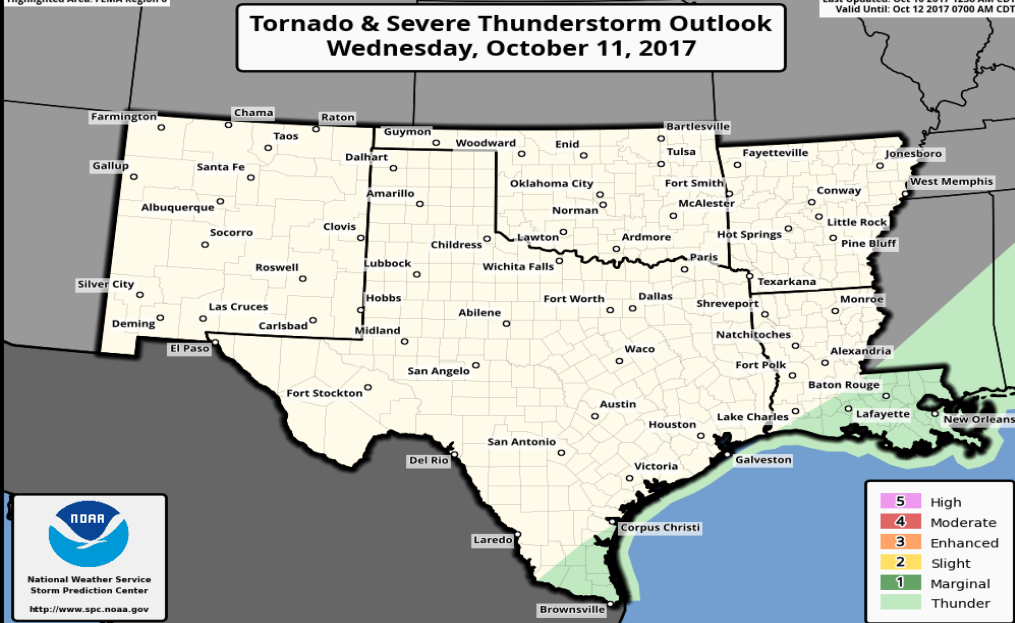
Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)



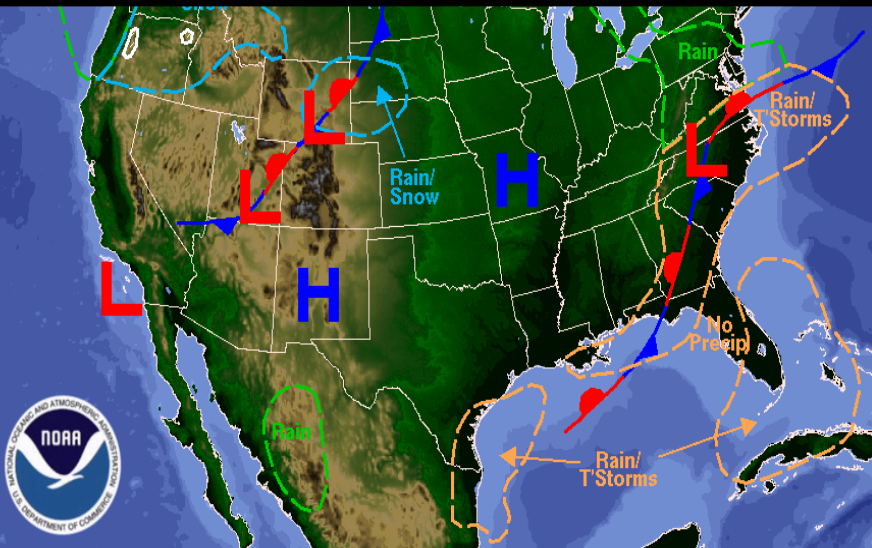
Highlighted Area: FEMA Region 6

## Tornado & Severe Thunderstorm Outlook Wednesday, October 11, 2017

Last Updated: Oct 10 2017 1238 AM CDT  
 Valid Until: Oct 12 2017 0700 AM CDT



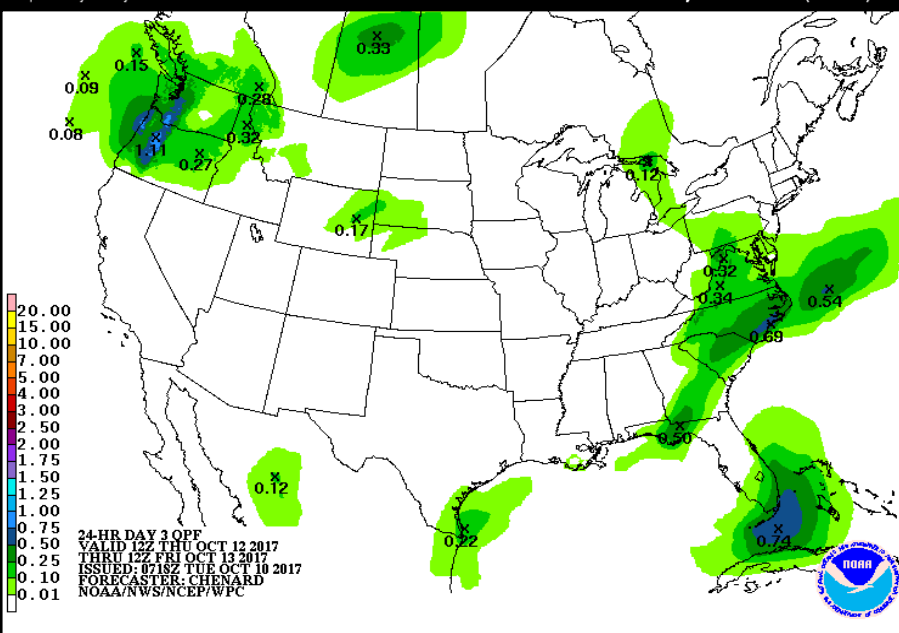
# Thursday's Weather



## Day 3 National Forecast Chart

Valid Thu, Oct 12, 2017, issued 4:47 AM EDT Tue, Oct 10, 2017  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Mcreynolds with WPC/SPC/NHC forecasts

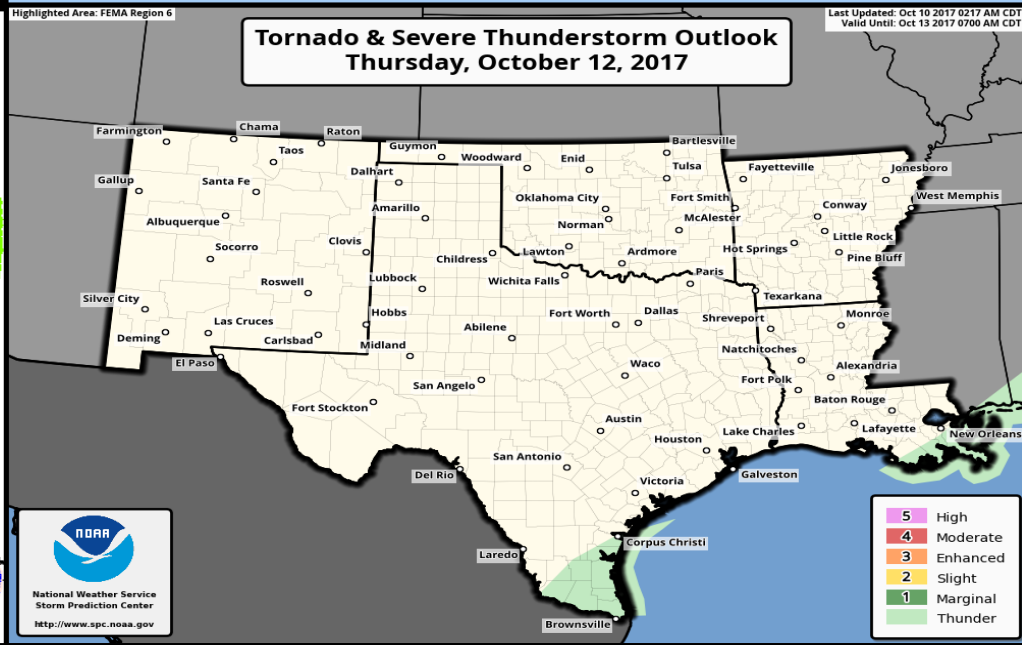
Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)



24-HR DAY 3 OUTF  
 VALID 12Z THU OCT 12 2017  
 THRU 12Z FRI OCT 13 2017  
 ISSUED: 0718Z TUE OCT 10 2017  
 FORECASTER: CHENARD  
 NOAA/NWS/NCEP/WPC

No weather threats.

Minor river flooding continues in S TX on the Nueces.



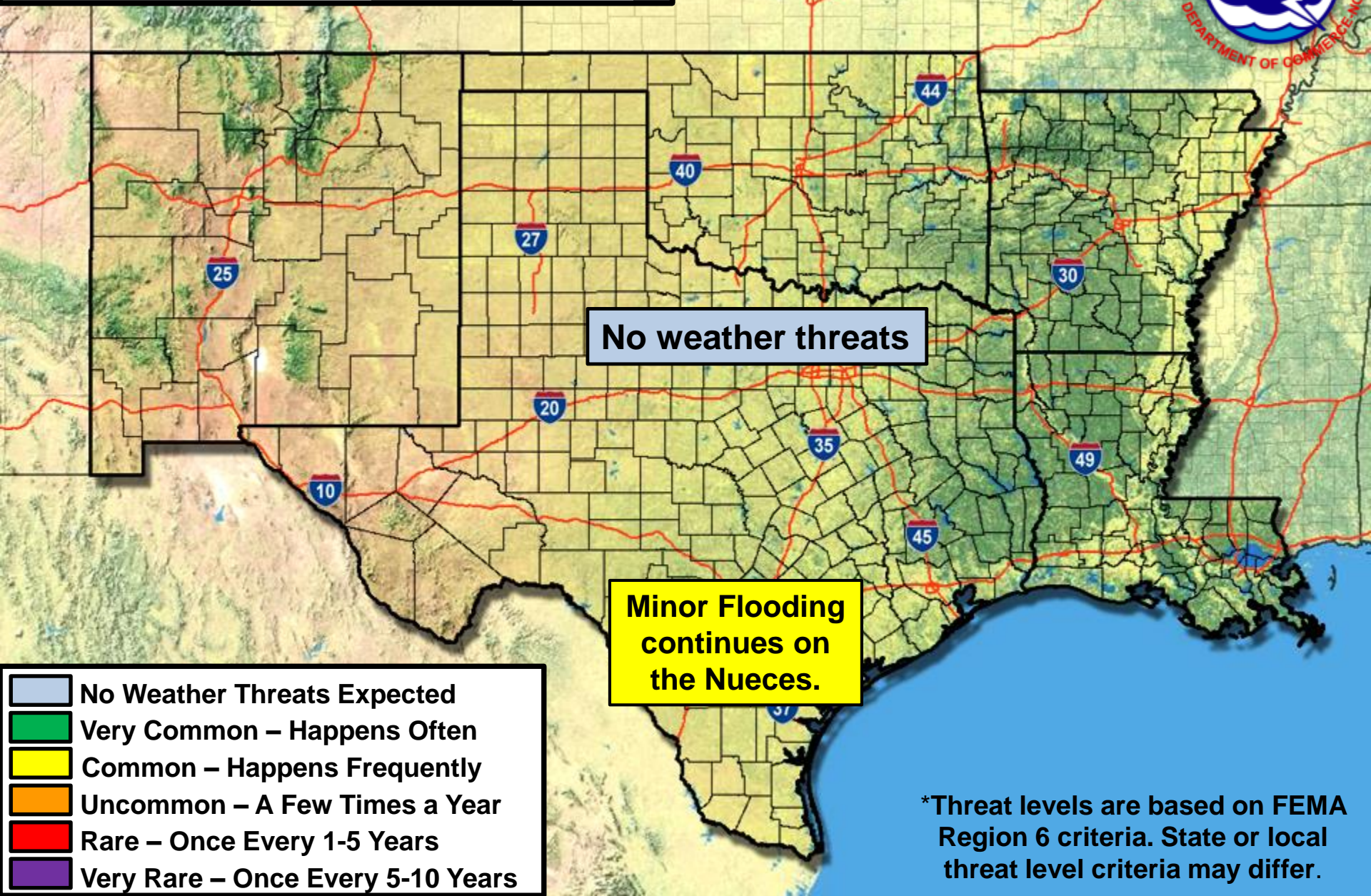
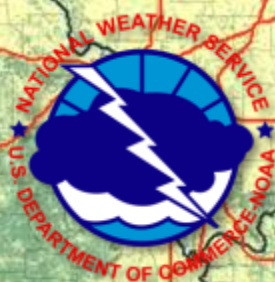
## Tornado & Severe Thunderstorm Outlook Thursday, October 12, 2017

Last Updated: Oct 10 2017 0217 AM CDT  
 Valid Until: Oct 13 2017 0700 AM CDT

NOAA  
 National Weather Service  
 Storm Prediction Center  
<http://www.spc.noaa.gov>

# Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun

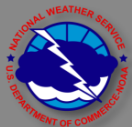


No weather threats

Minor Flooding  
continues on  
the Nueces.

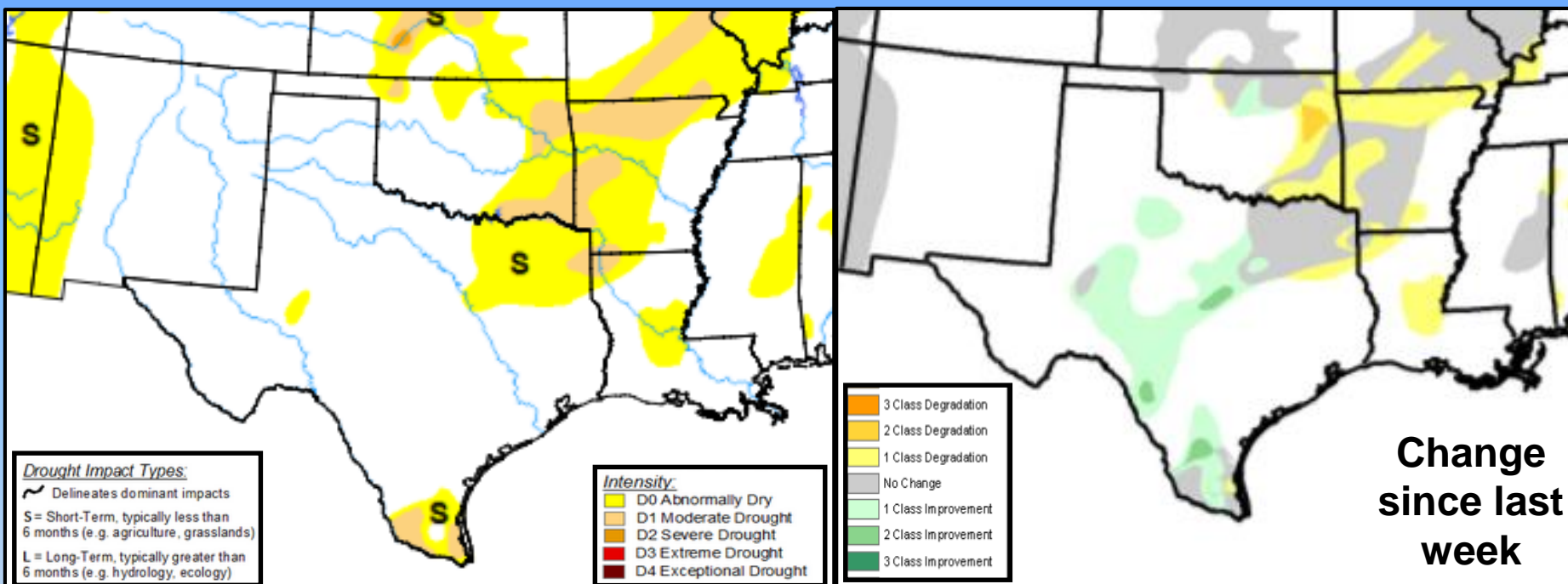
- |  |                                   |
|--|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



# Drought Monitor Released 5 October, 2017

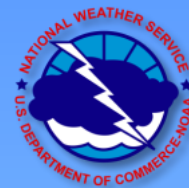
Data valid as of 7am CDT, Tuesday, October 3, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

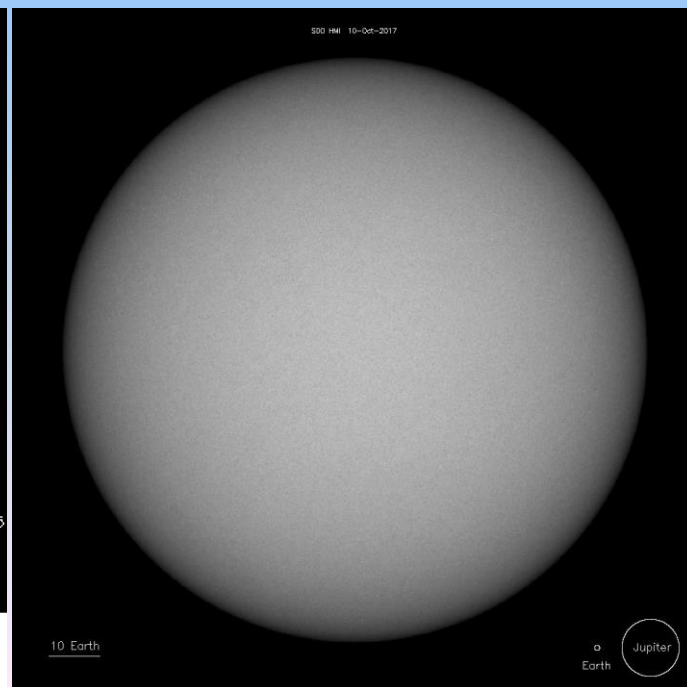
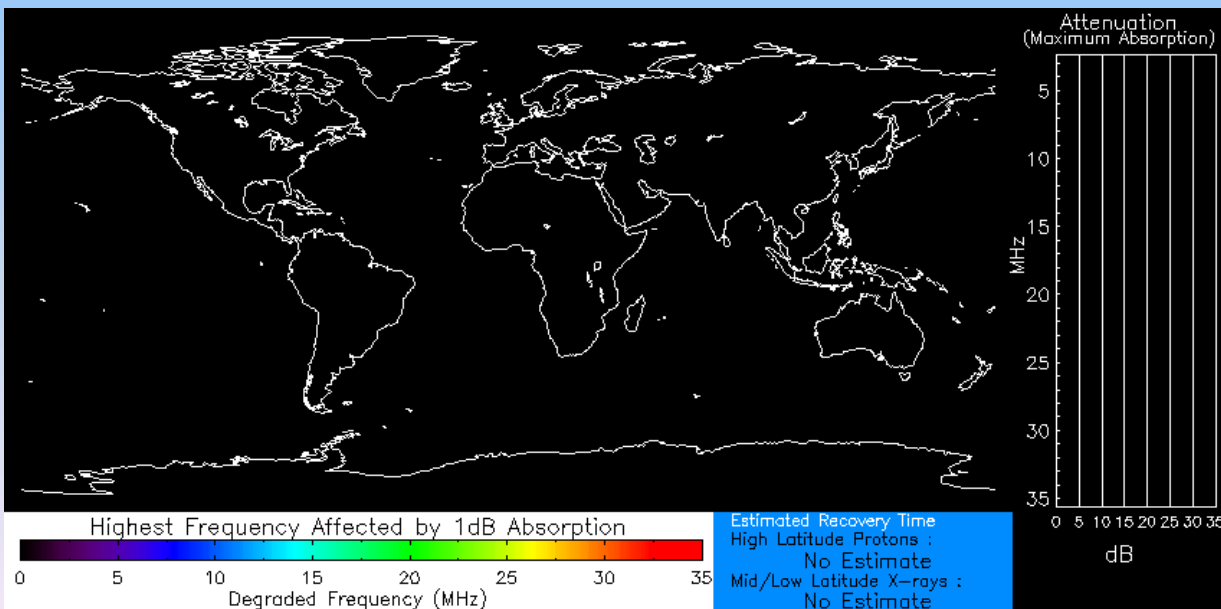
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Minor (G1) Storm (Max Kp = 5)	Minor (G1) Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
Product Valid At : 2017-10-10 11:53 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)

# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>